

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 10106751 A

(43) Date of publication of application: 24.04.98

(51) Int. Cl.

H05B 33/26

(21) Application number: 08258467

(22) Date of filing: 30.09.96

(71) Applicant: NEC CORP

(72) Inventor: IKEZU YUICHI
SUZUKI HIROSHI(54) ELECTRODE STRUCTURE OF ORGANIC THIN
FILM ELECTROLUMINESCENT DISPLAY DEVICE

COPYRIGHT: (C)1998,JPO

(57) Abstract

PROBLEM TO BE SOLVED: To provide a pattern edge of a positive electrode in such a manner as to prevent short-circuiting between the positive and negative electrode due to the cutout of step difference of an organic thin film, in addition to lowering the resistance of the positive electrode, the to prevent deterioration in luminous efficiency owing to the injection of unnecessary carriers supplied from the positive electrode.

SOLUTION: A positive electrode formed on a substrate 1 is constituted of a pattern of a transparent electrode 2 and that of a good conductive metal 3 making contact with both sides of the transparent electrode 2. A pattern edge 3a of the good conductive metal 3 is tapered. The height of pattern of the good conductive metal 3 is not more than that of the transparent electrode 2. A work function of material selected for the good conductive metal 3 is smaller than that of material of the transparent electrode 2.

